

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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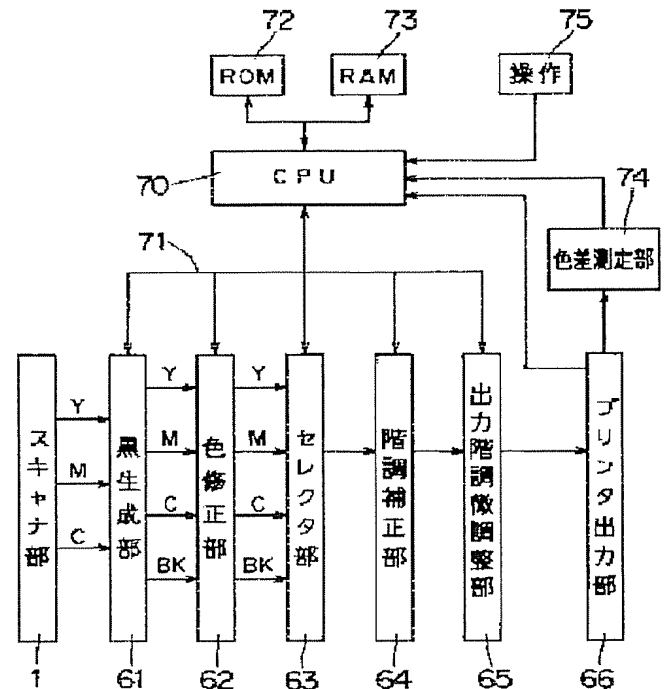
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APPLICANT : MITA IND CO LTD;

INVENTOR : YAMAMOTO HARUO;

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TITLE : IMAGE FORMING DEVICE AND  
OUTPUT GRADATION ADJUSTMENT  
METHOD IN IMAGE FORMING DEVICE



ABSTRACT : PURPOSE: To realize the reproduction of a color with fidelity by applying gradation correction to three primary colors in an excellent way.

CONSTITUTION: Three-primary data subjected to gradation correction by a gradation correction section 64 are fine-adjusted at an output gradation fine-adjustment section 65. Reference data to generate a fine-adjustment table for the fine-adjustment are stored in a ROM 72. A CPU 70 generates test data by changing each gradation of the three primary colors to a large or a small value around the reference data. A test picture corresponding to the test data is formed by a printer output section 66. A color difference between the test picture and a standard picture to be obtained with respect to the reference data is measured by a color difference measurement section 74. Then a fine-adjustment table is generated based on the test data corresponding to the test picture whose color difference is minimized and the reference data.

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